

FIG.1A

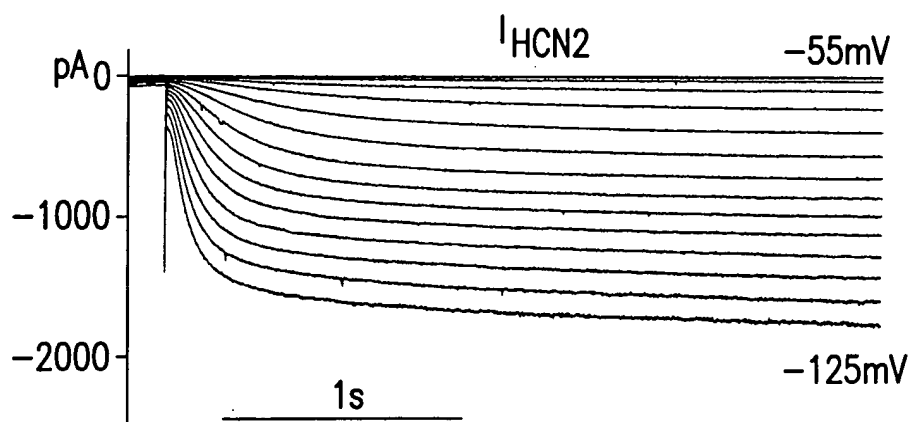


FIG.1B

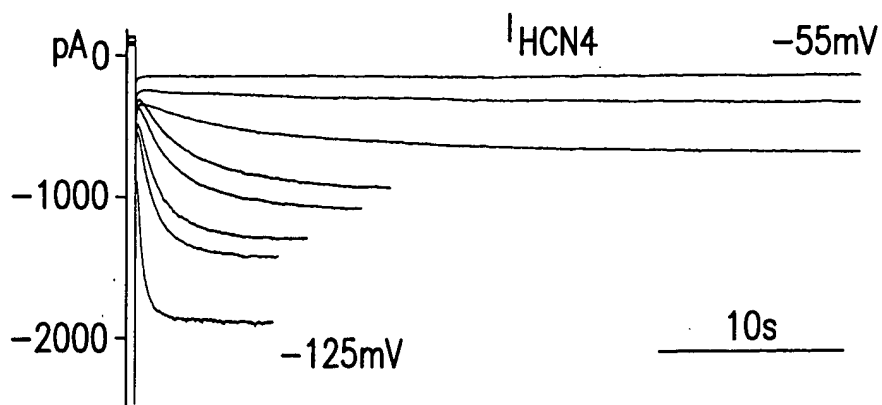


FIG.1C

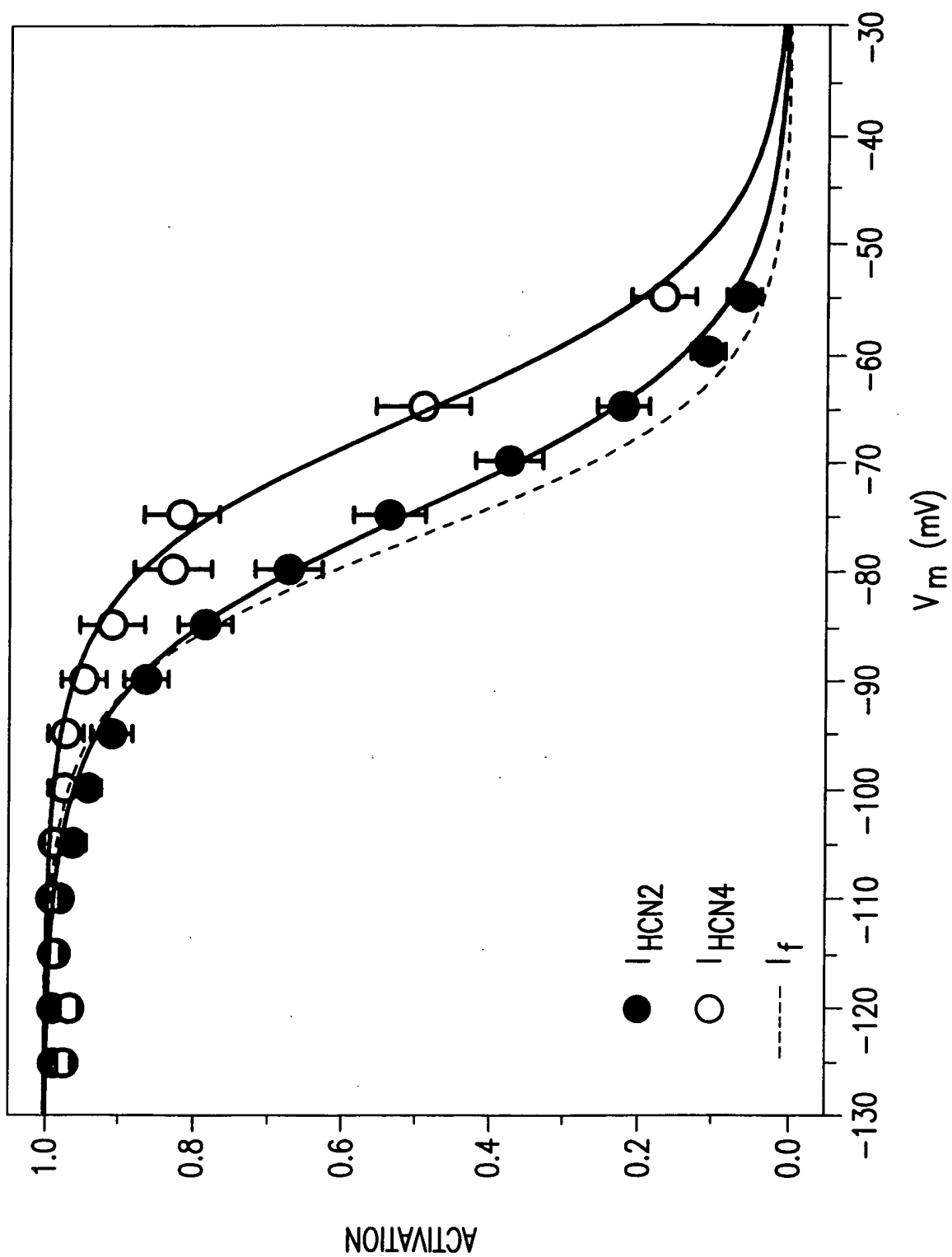


FIG.2A

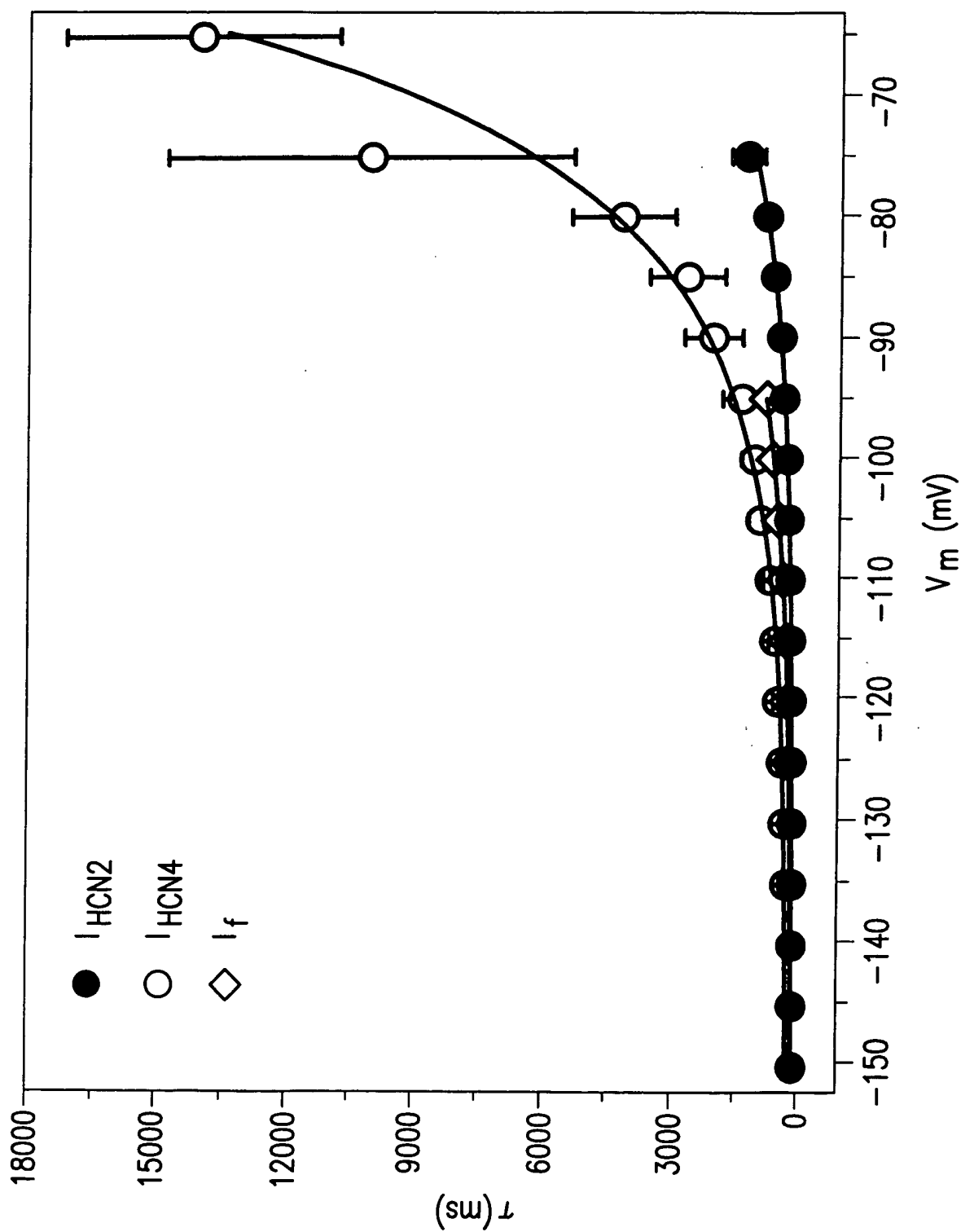


FIG.2B

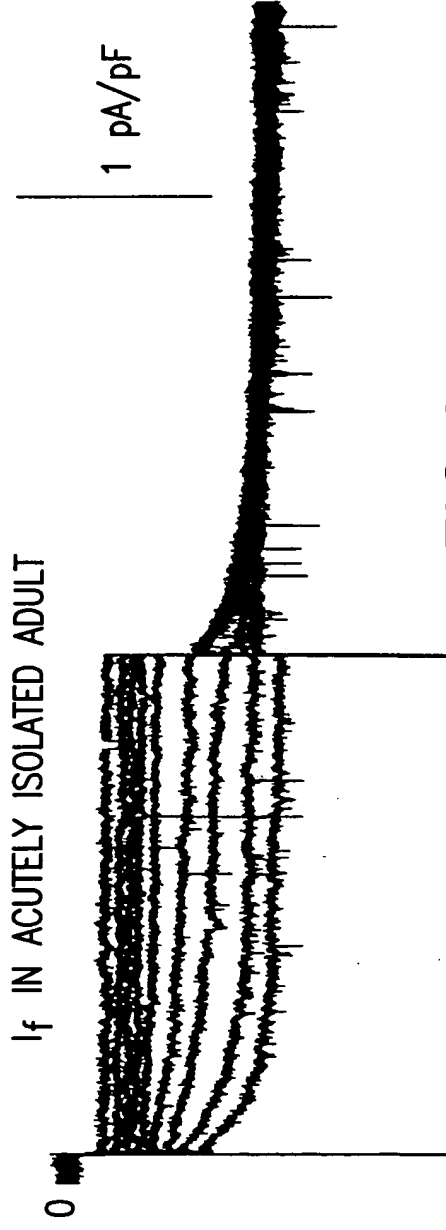


FIG.3A

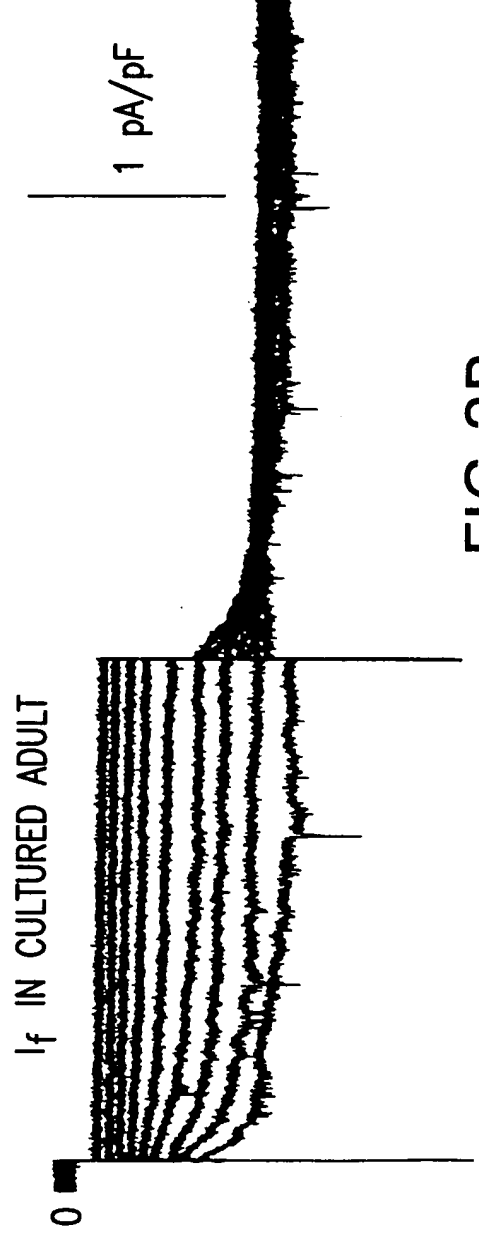


FIG.3B



I_{HCN2} IN CULTURED ADULT

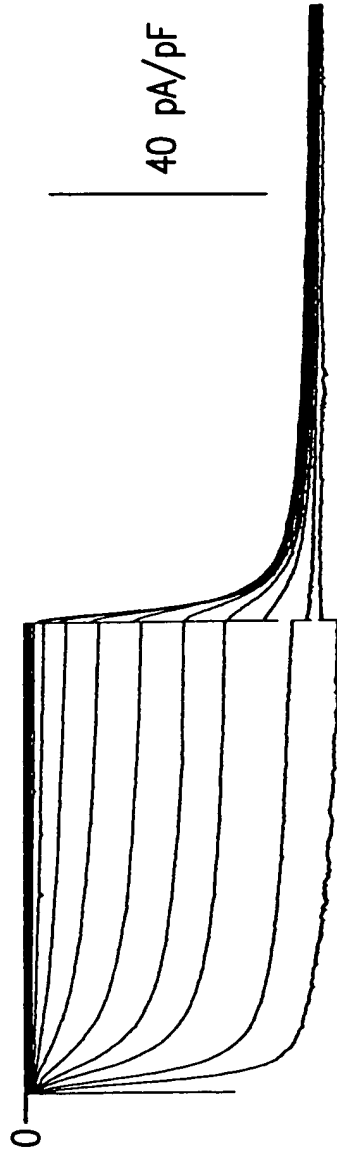


FIG.3C

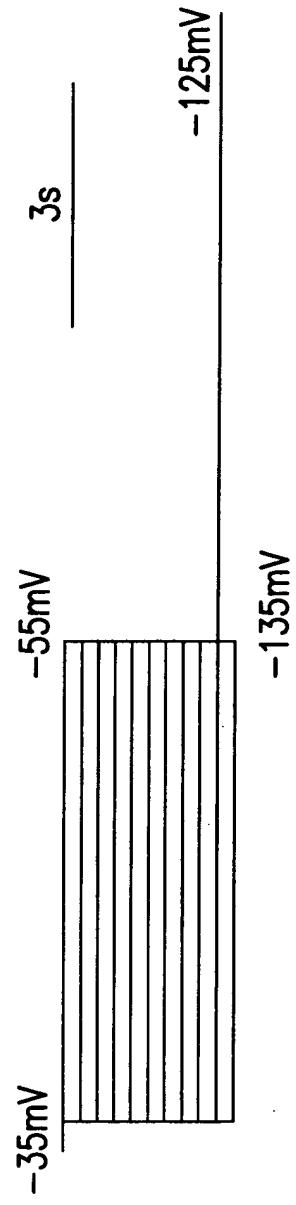


FIG.3D

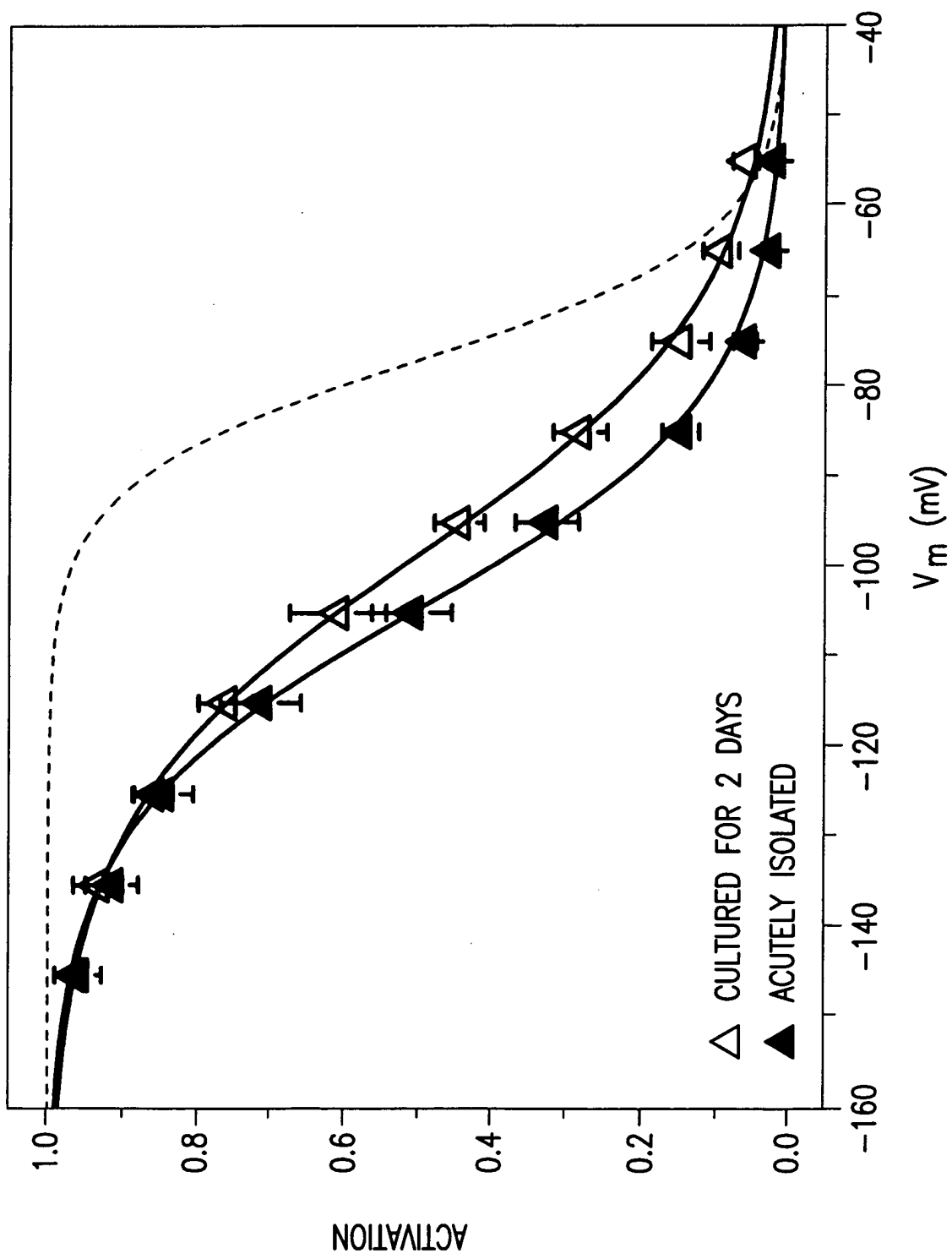


FIG. 4A

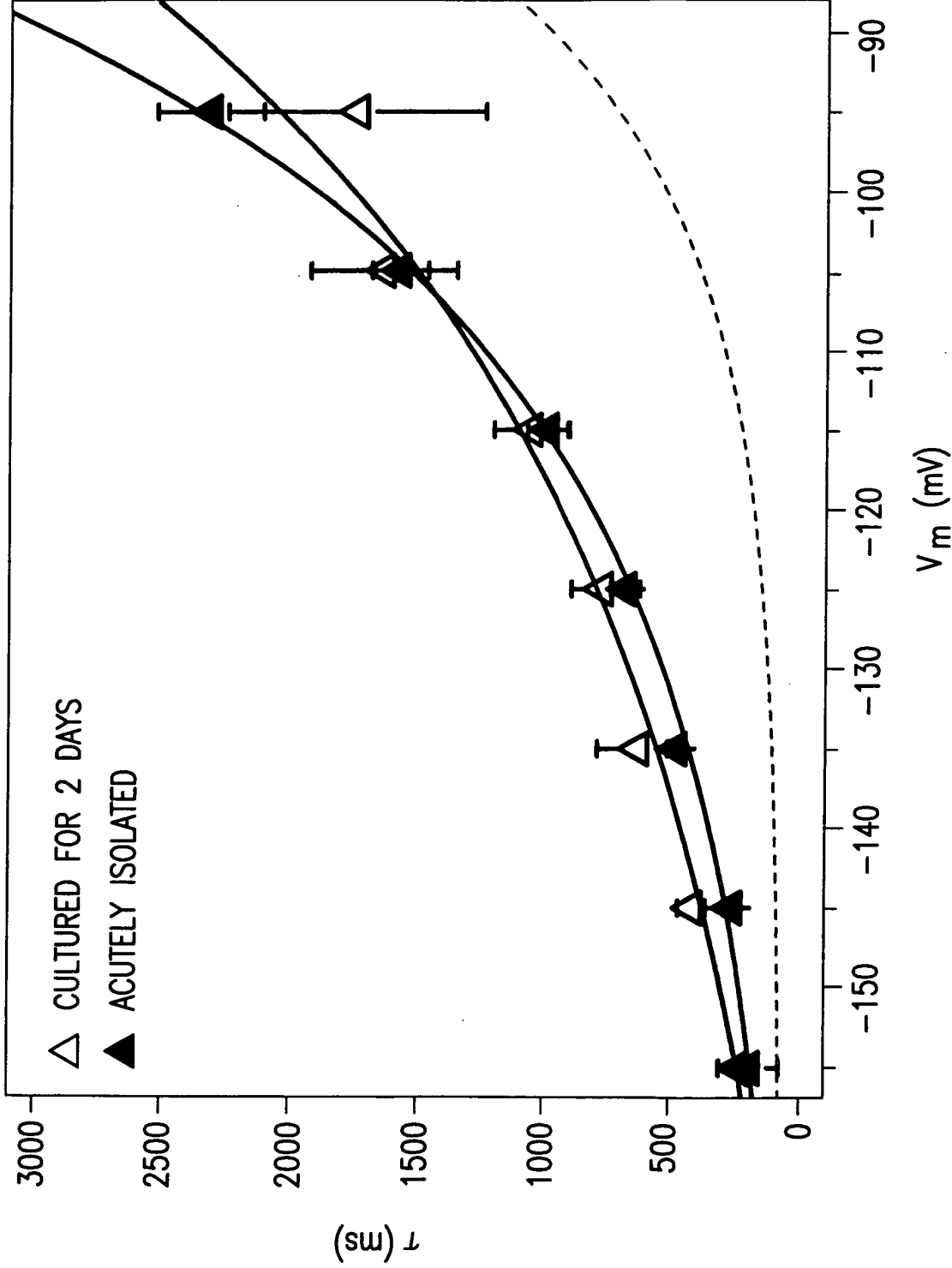
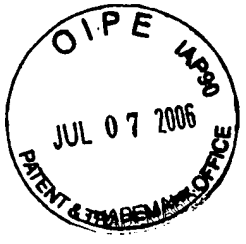


FIG.4B

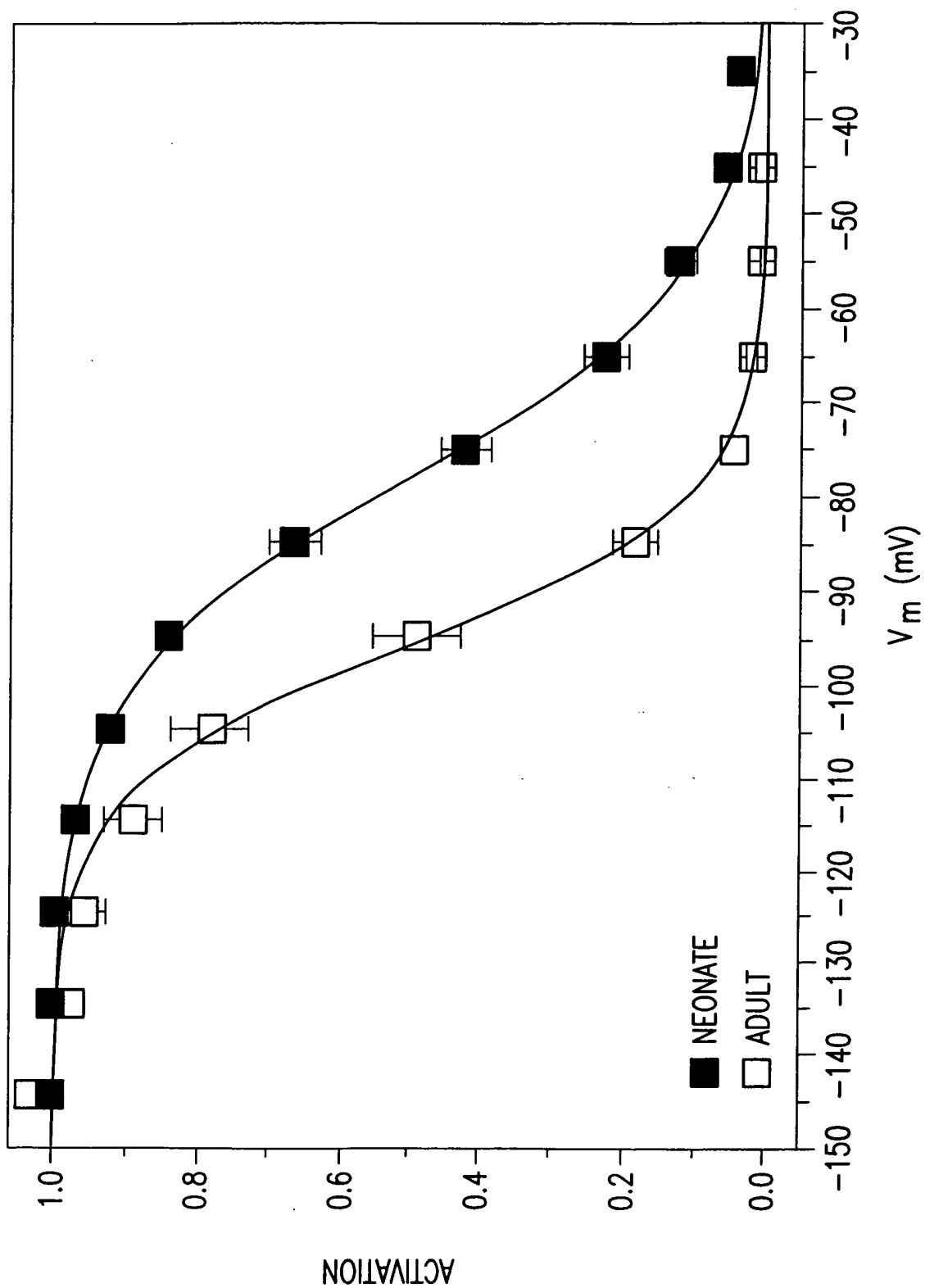


FIG.5A

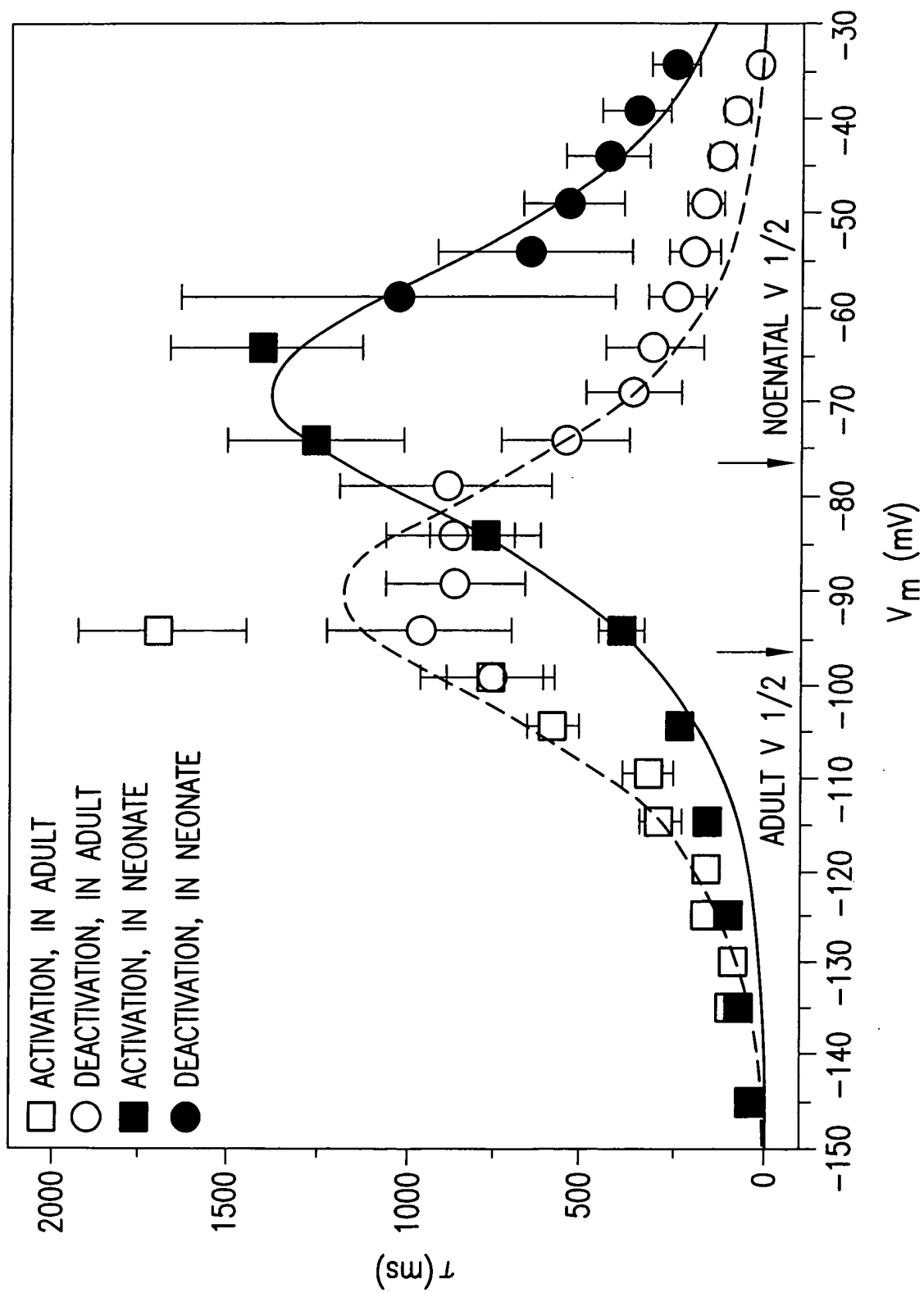


FIG.5B

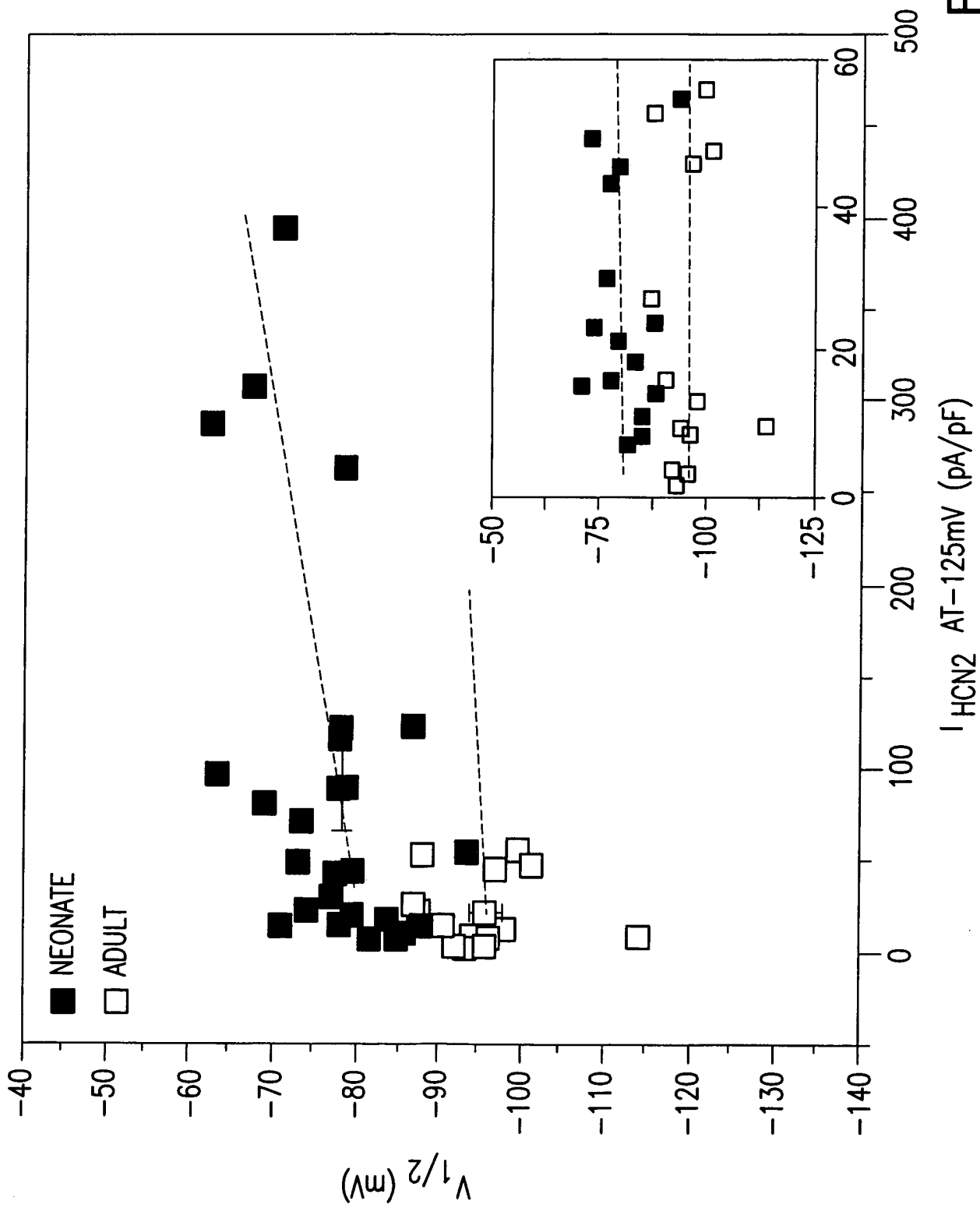


FIG. 6

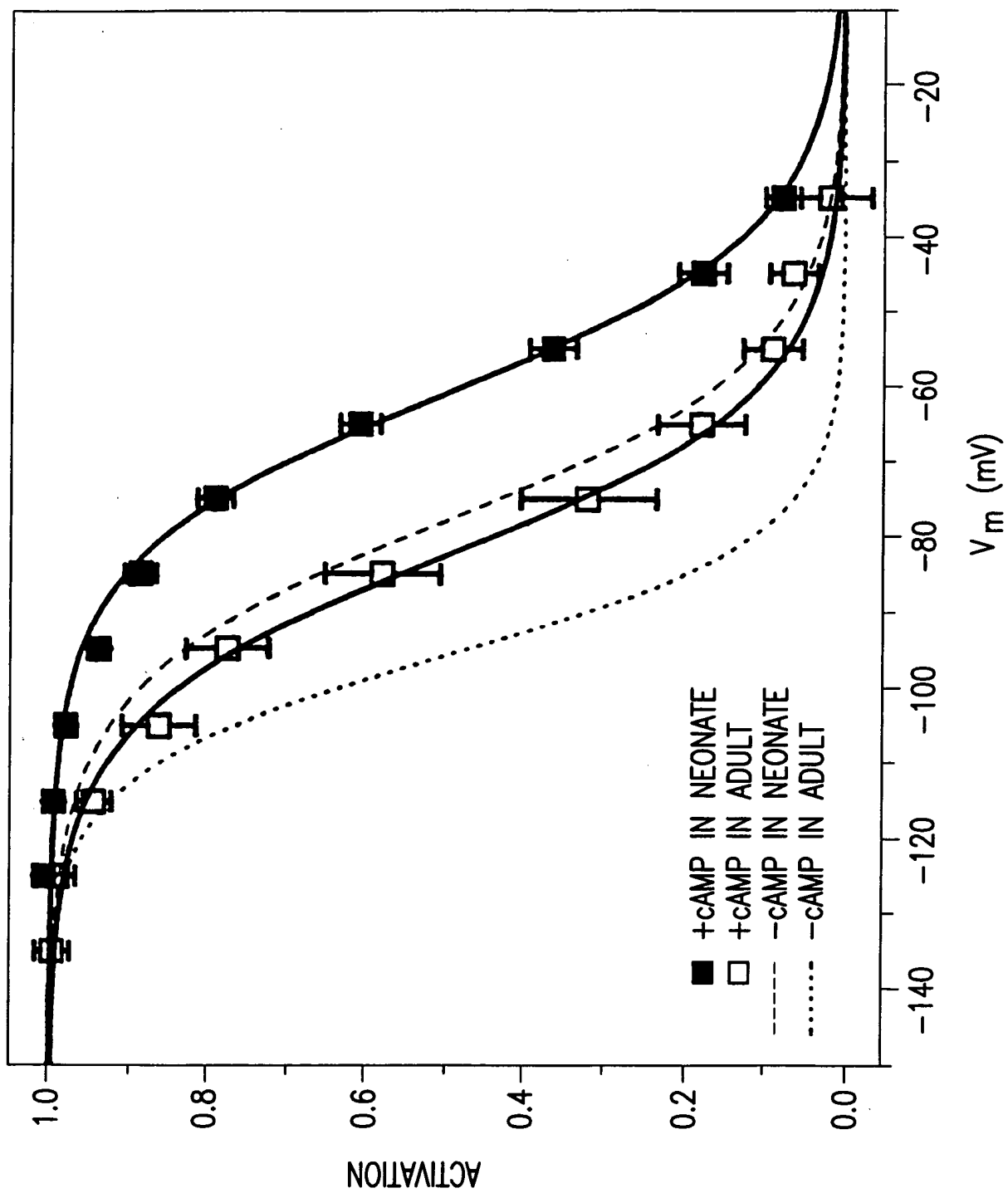


FIG. 7

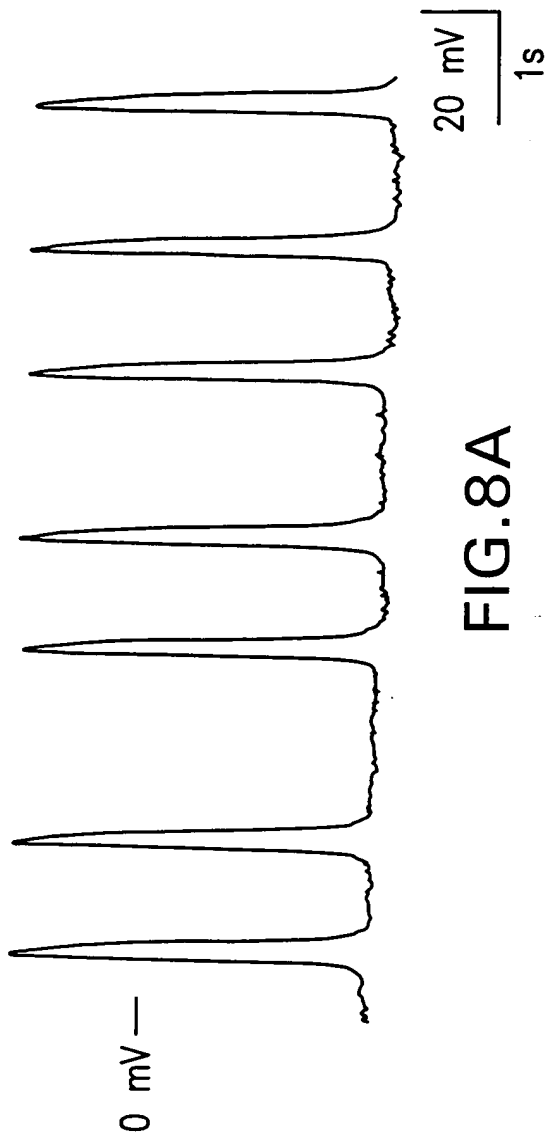


FIG. 8A

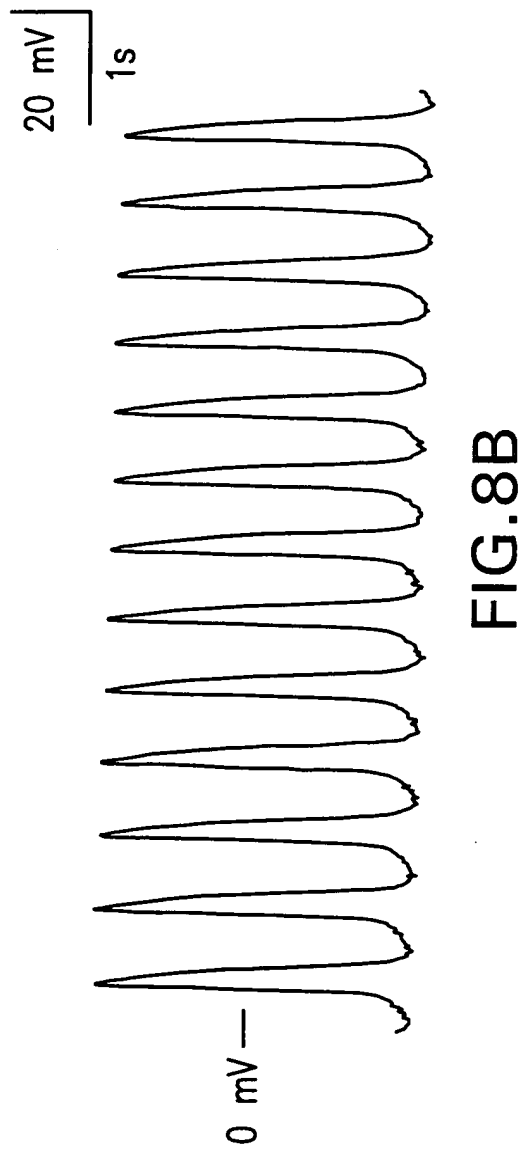


FIG. 8B

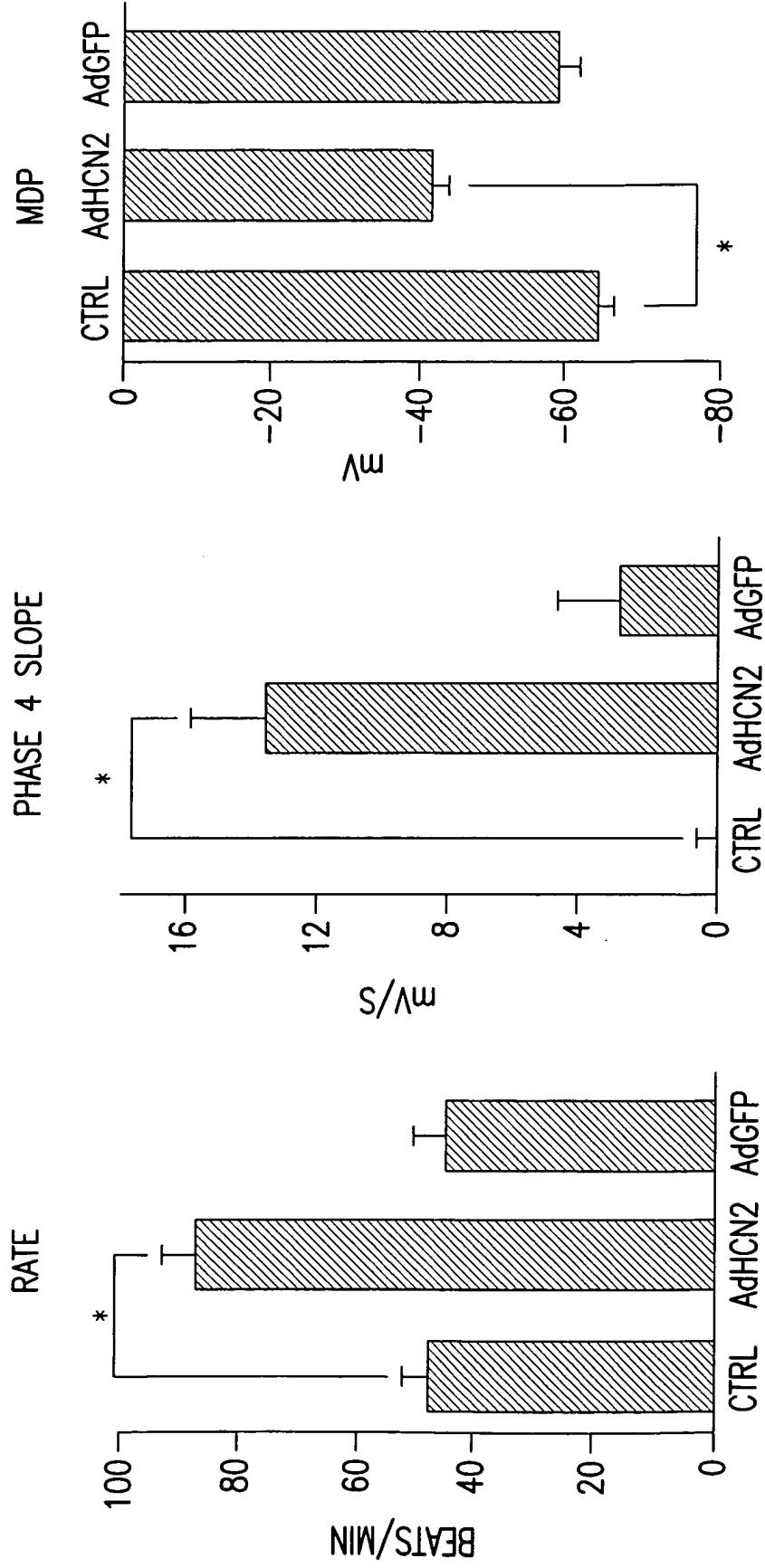


FIG.8C

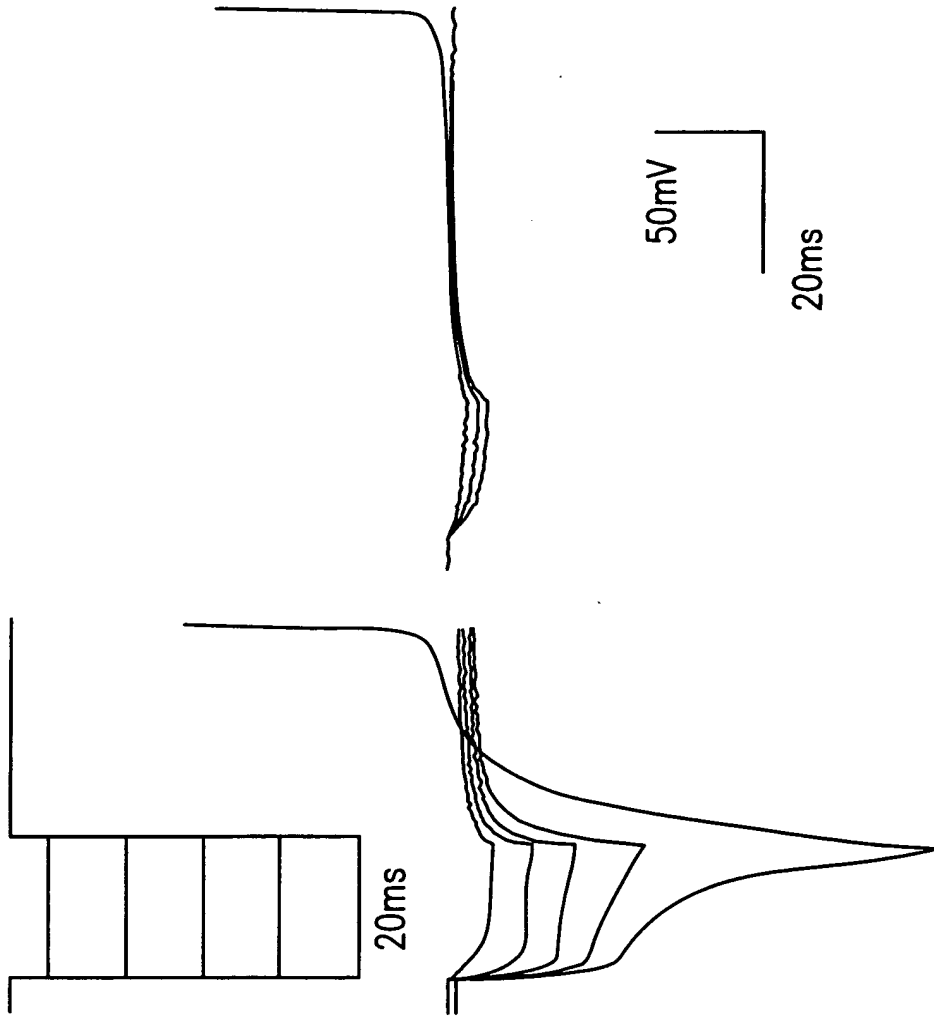


FIG. 9A

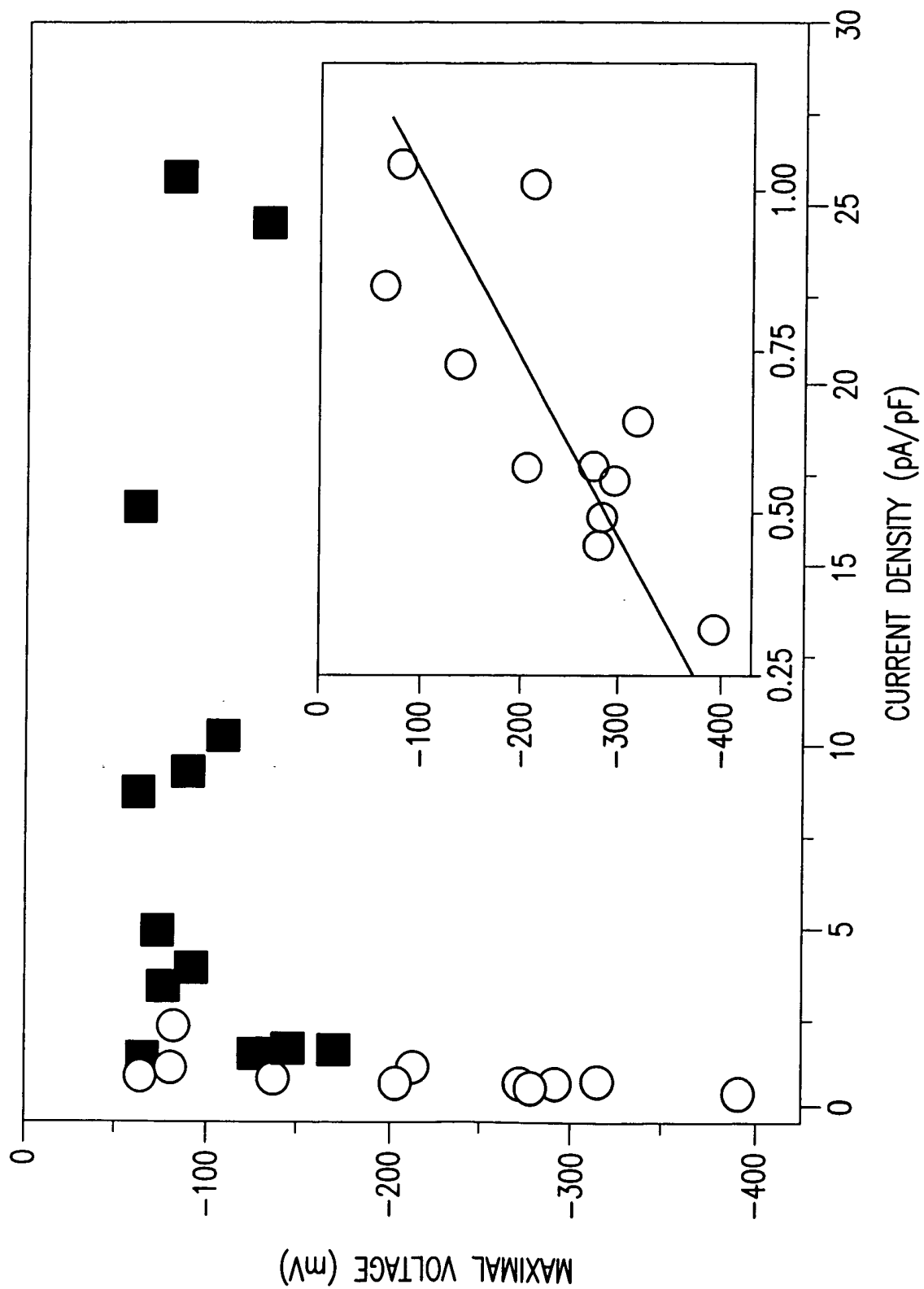


FIG. 9B

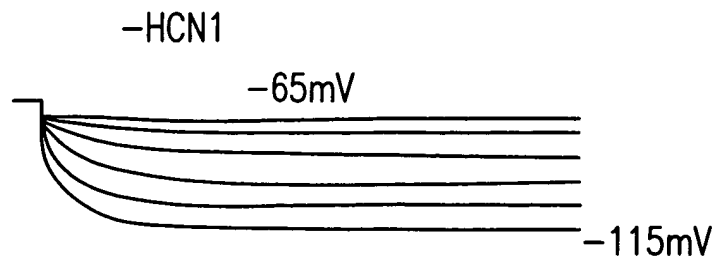


FIG.10A

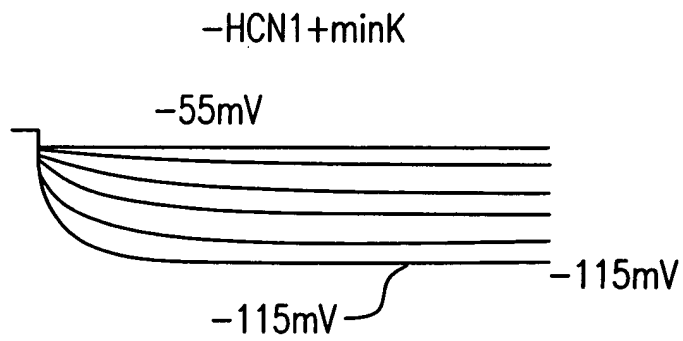


FIG.10B

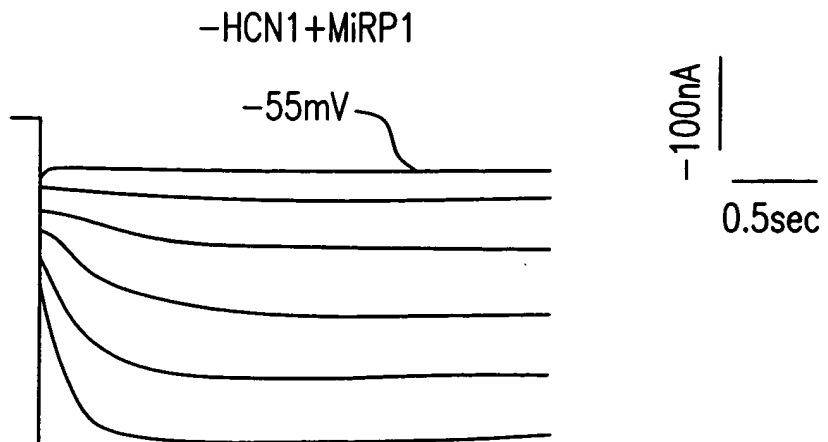


FIG.10C

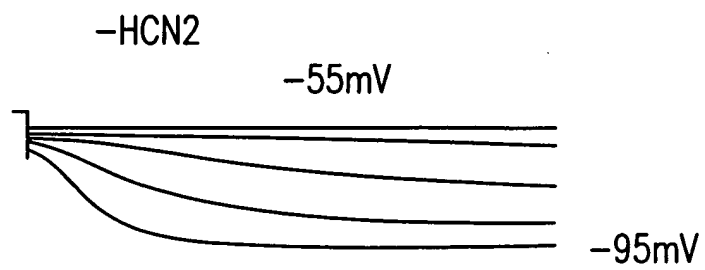


FIG.10D

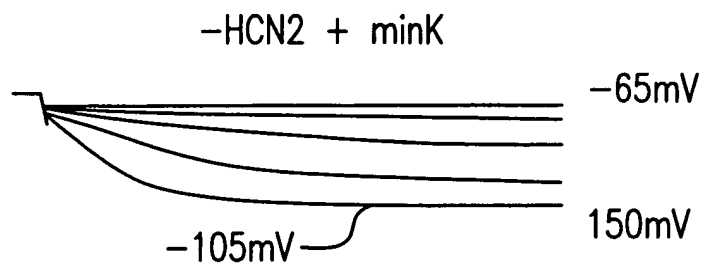


FIG.10E

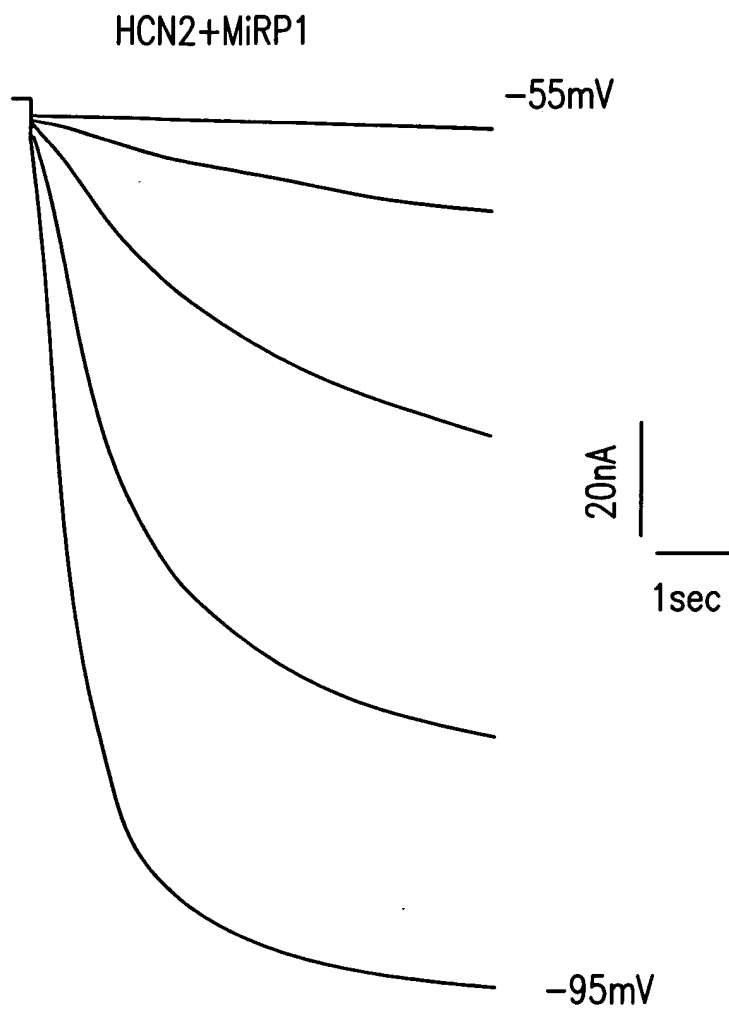


FIG.10F

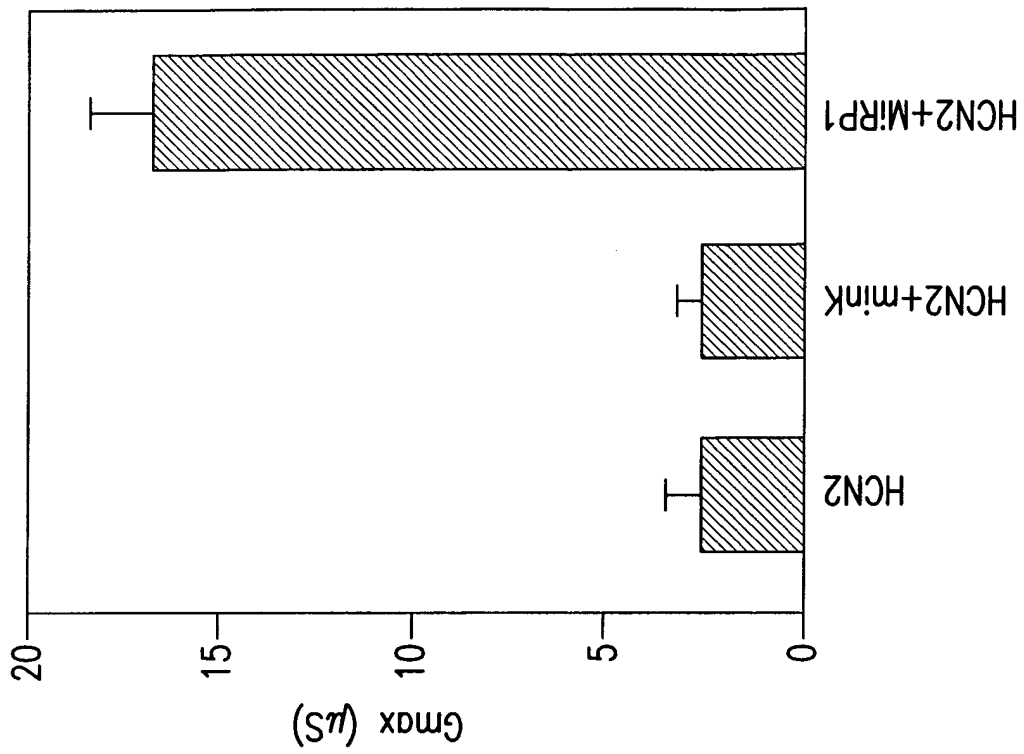


FIG.10H

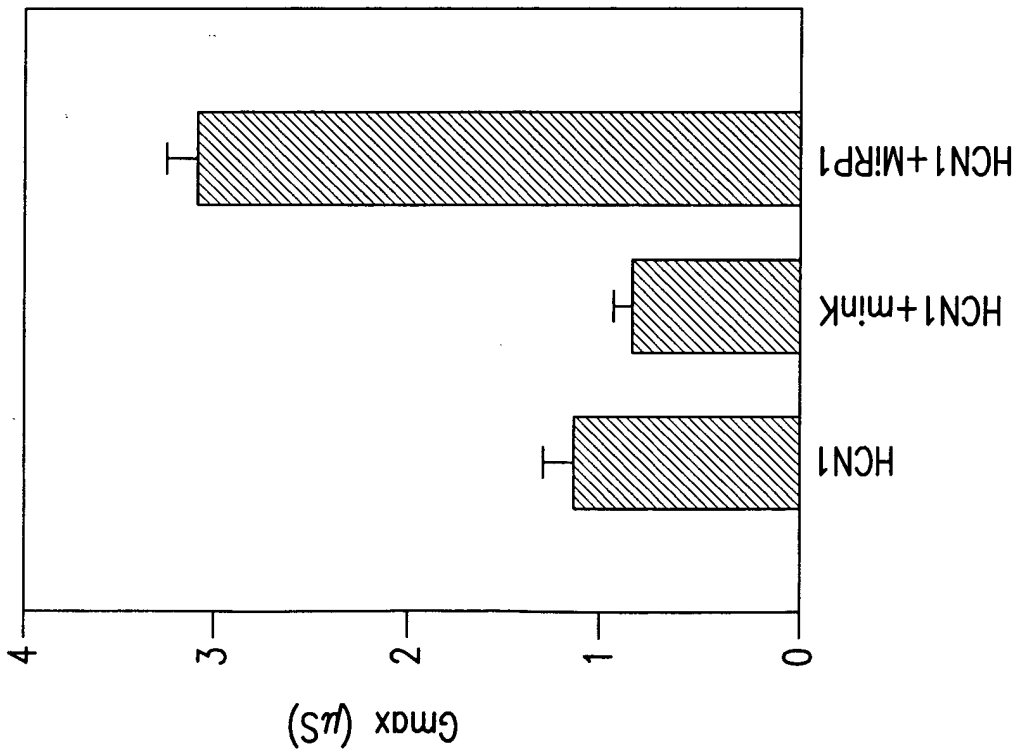


FIG.10G

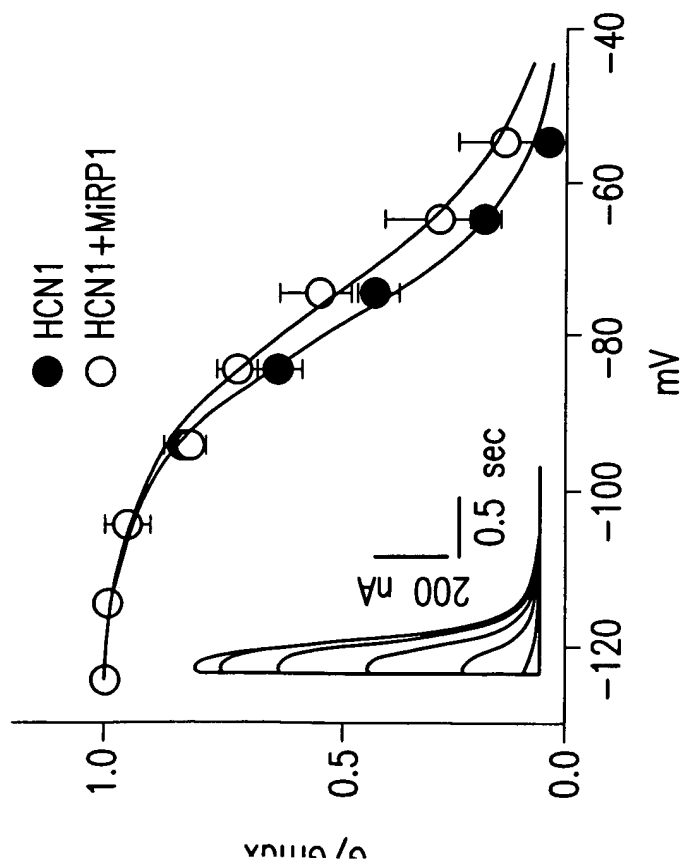


FIG. 11A

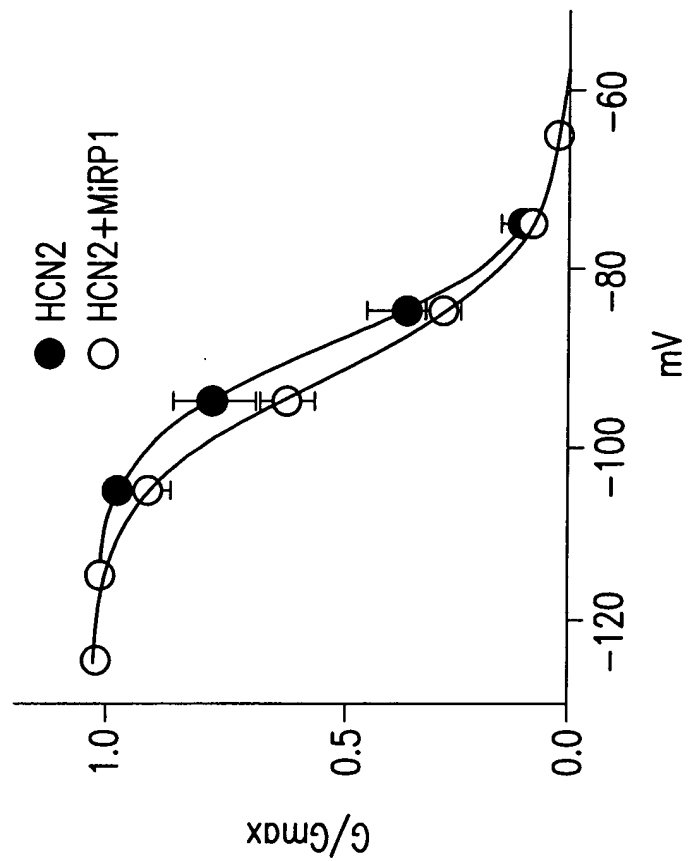


FIG. 11B

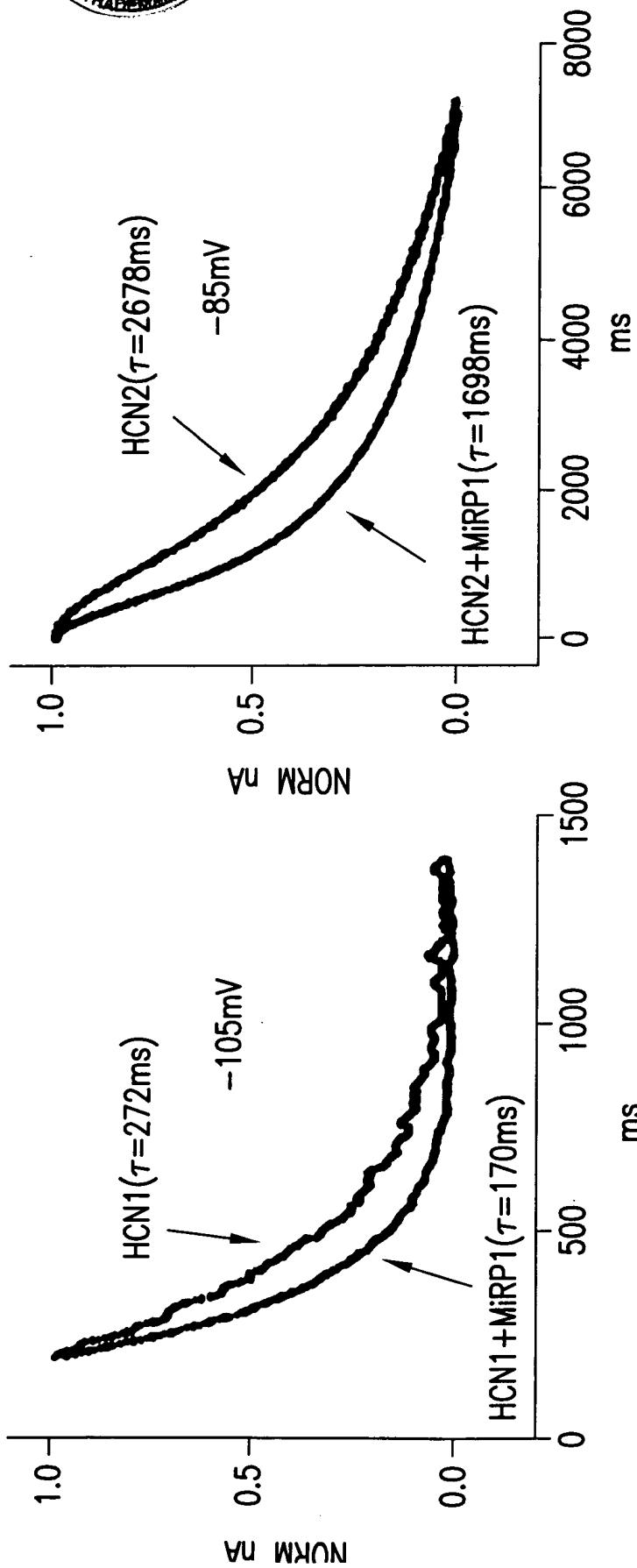


FIG. 11C

FIG. 11D

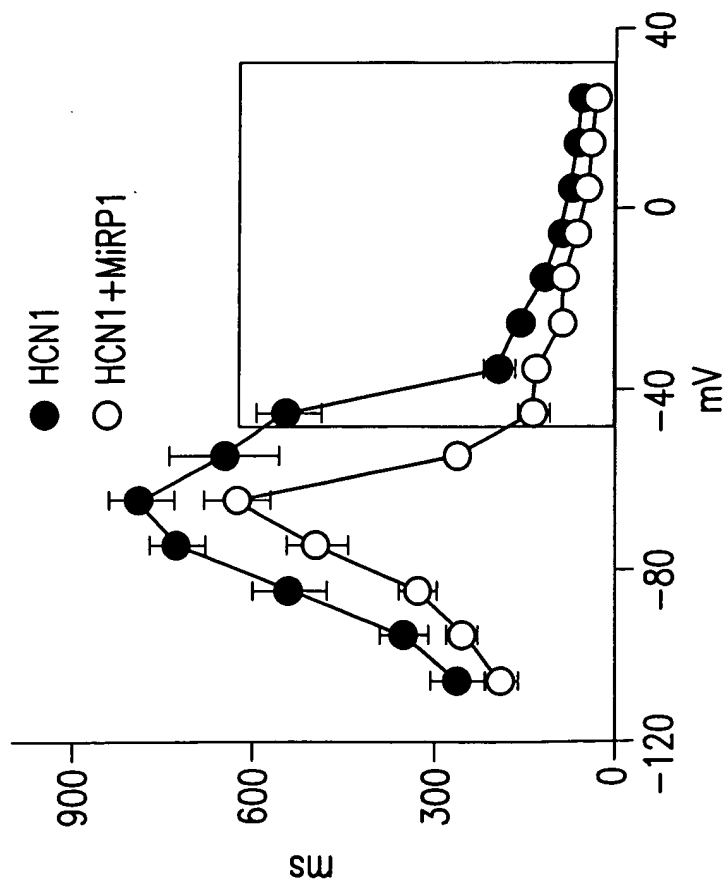


FIG.11E

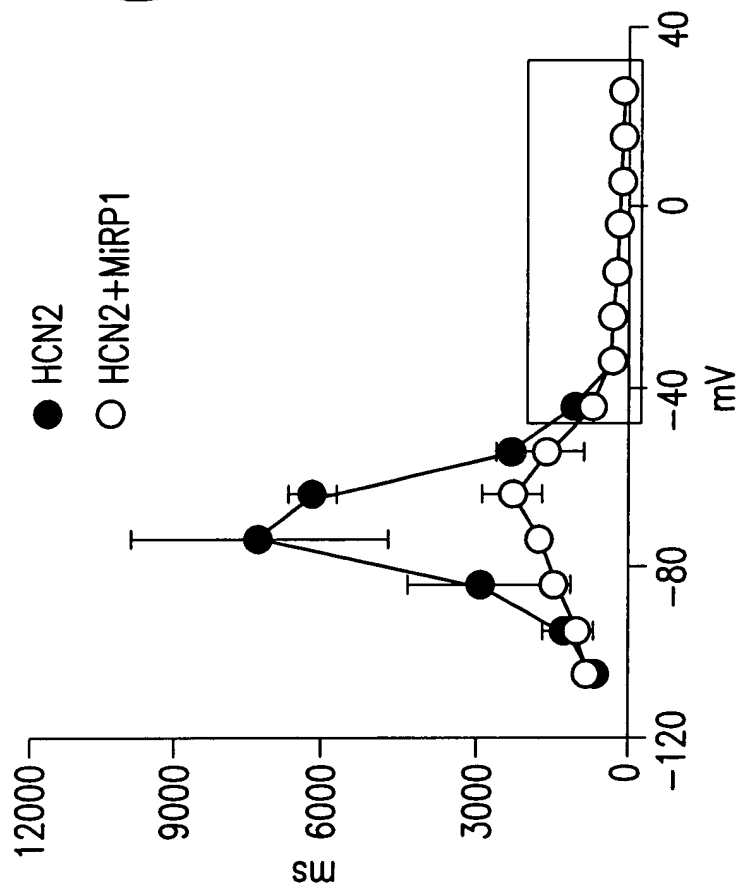


FIG.11F

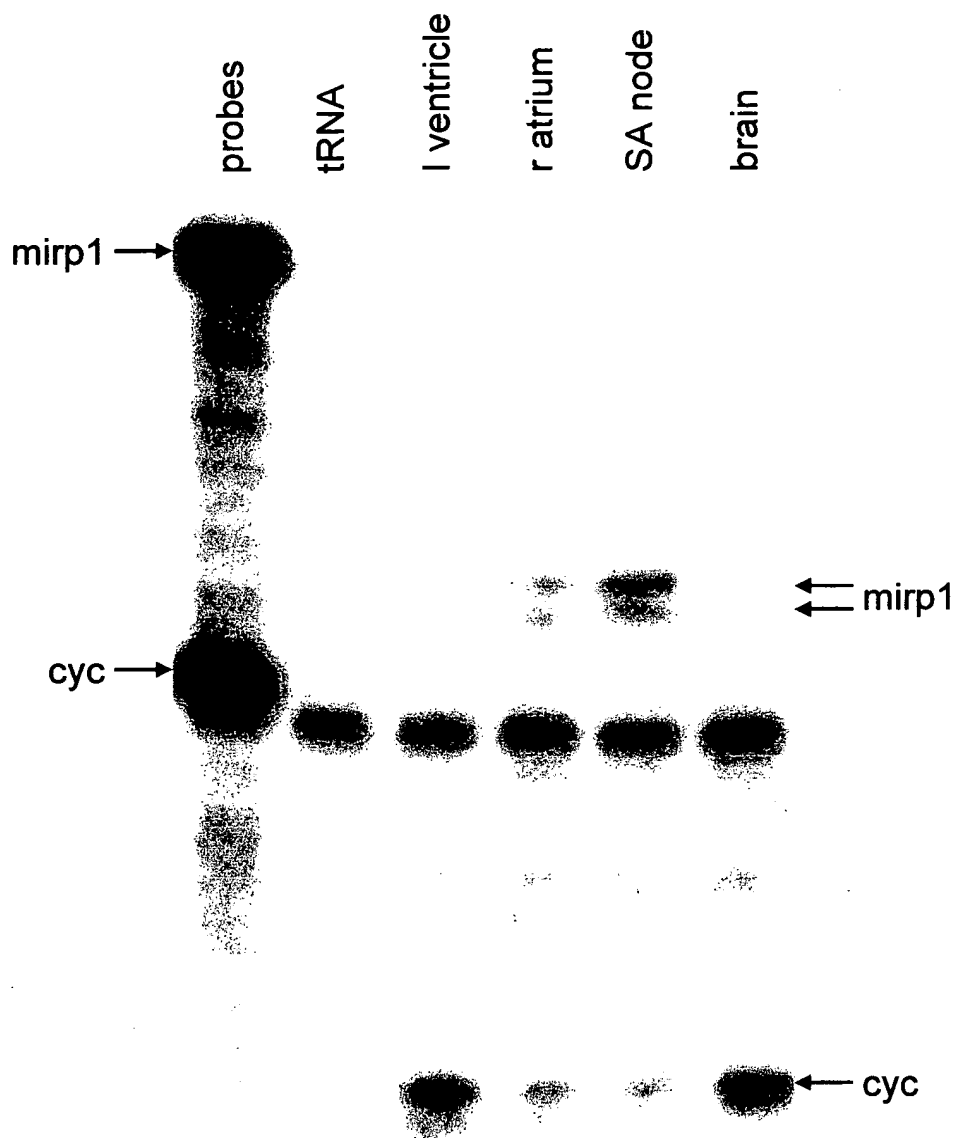


FIG.12A

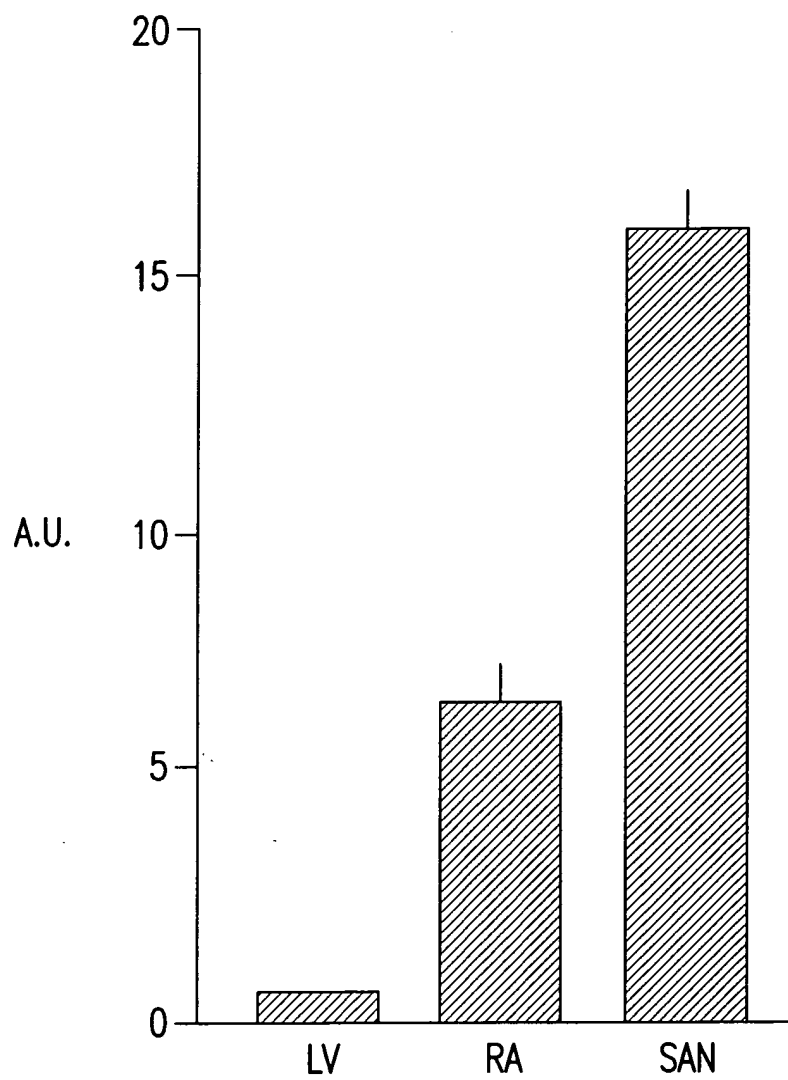


FIG.12B

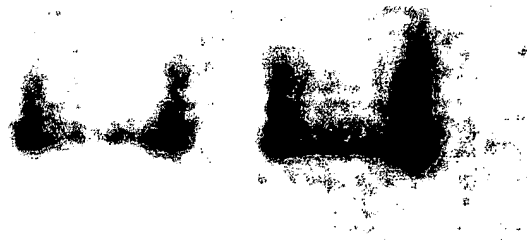


Immunoblot:
anti-HCN1

none

HCN1

HCN1+MIRP1



HCN1

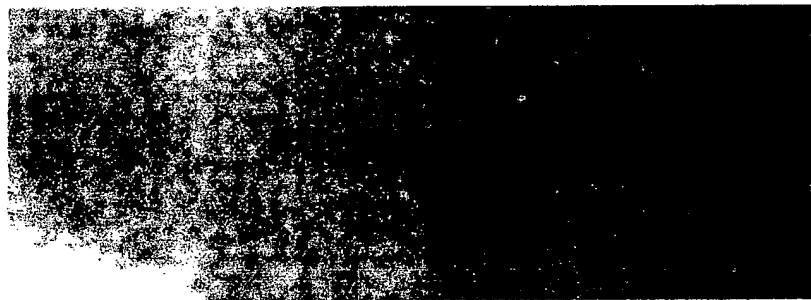
FIG.13A

none

MIRP1

MIRP1+HCN1

Immunoblot:
anti-HA



MIRP1

FIG.13B

IP:HCN1

none

MIRP1

HCN1

HCN1+MIRP1

Immunoblot:
anti-HA



MIRP1

FIG.13C



CTRL (48 BEATS/MIN)

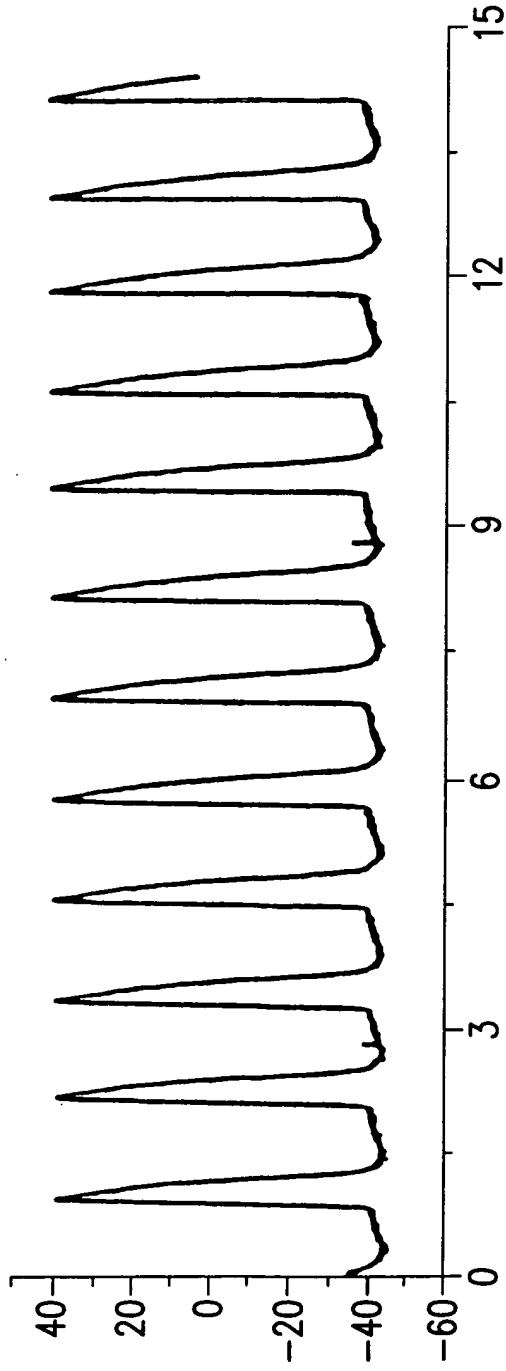


FIG. 14A

ISOPROTERENOL 10^{-7} M (63 BEATS/MIN)

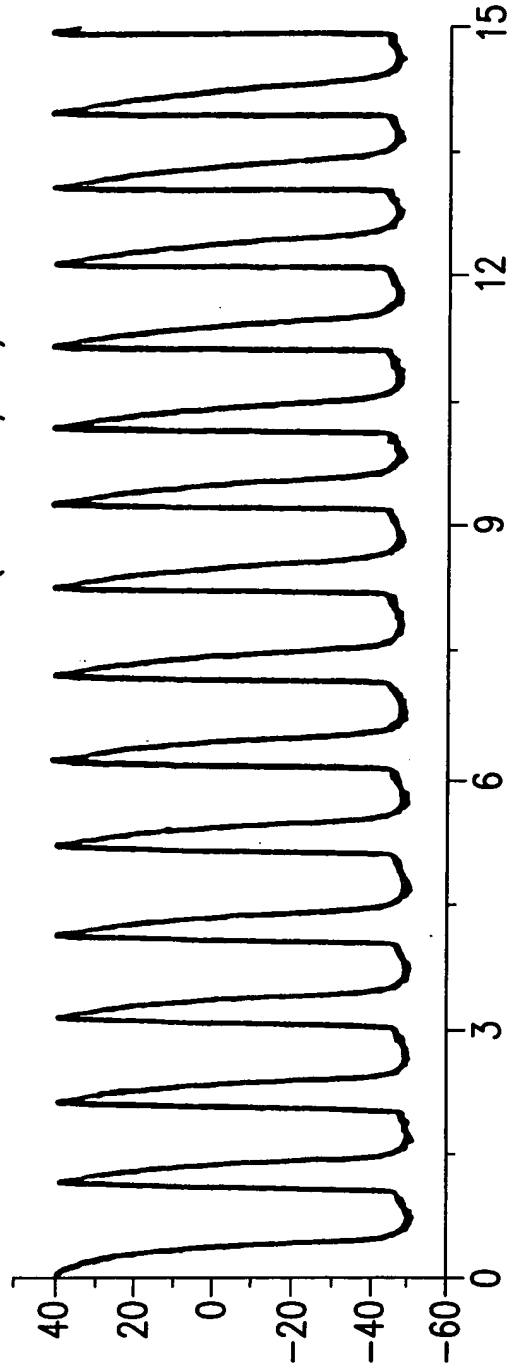


FIG. 14B

CTRL (54 BEATS/MIN)

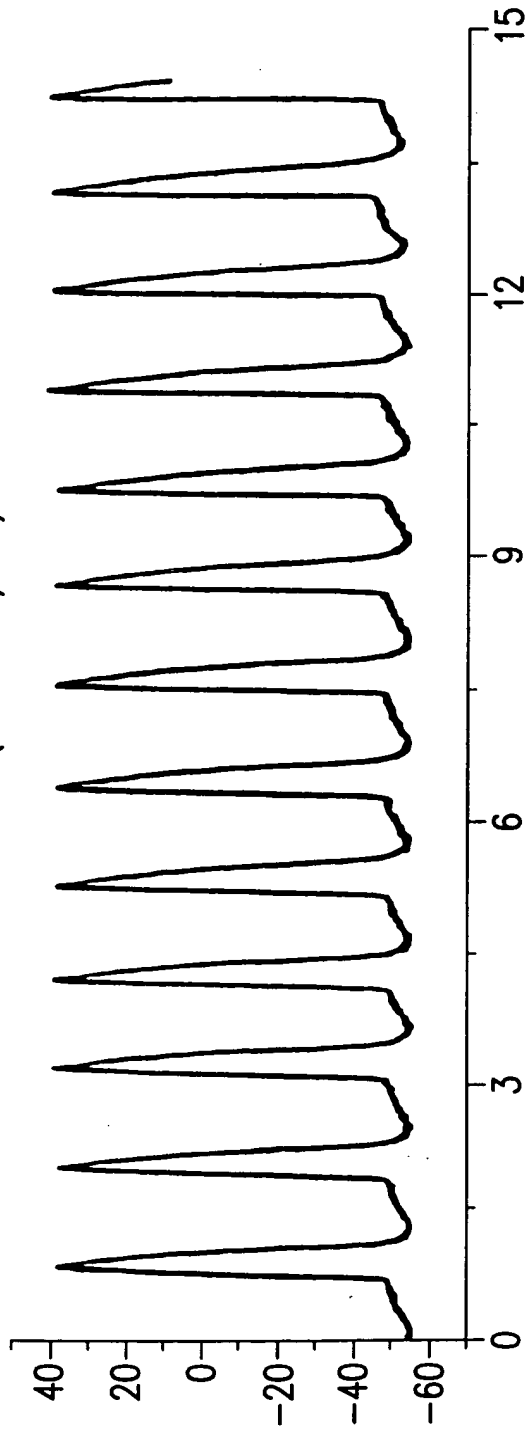


FIG. 15A

CARBACHOL 10^{-7} M (45 BEATS/MIN)

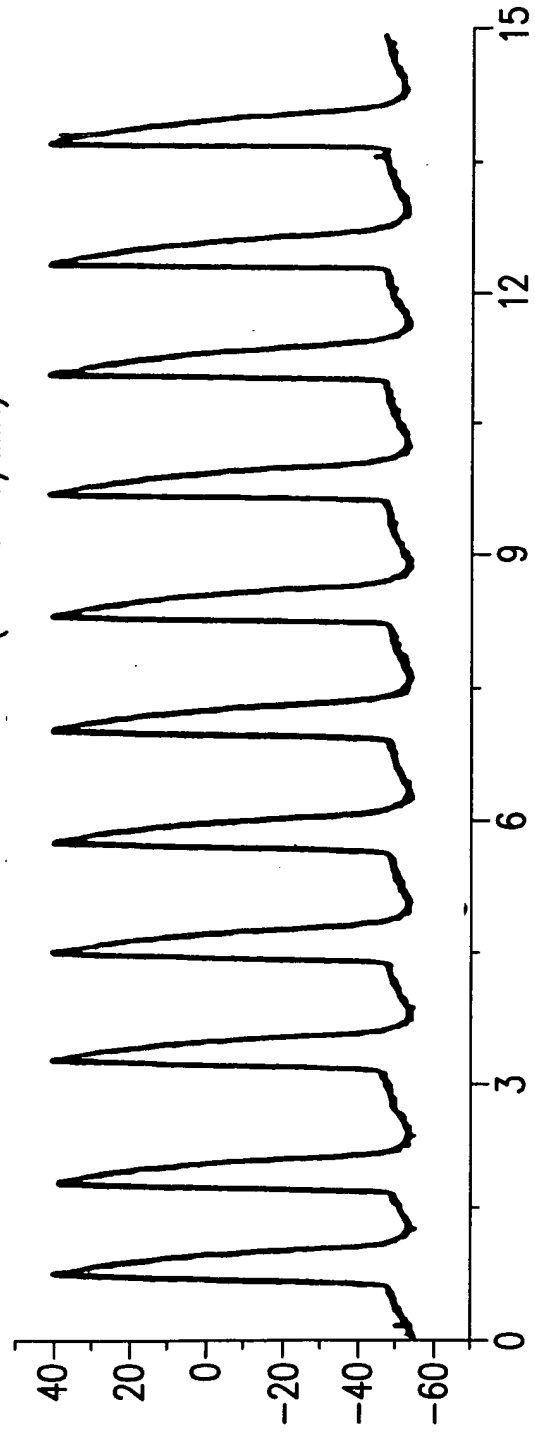


FIG. 15B





CTRL (96 BEATS/MIN)

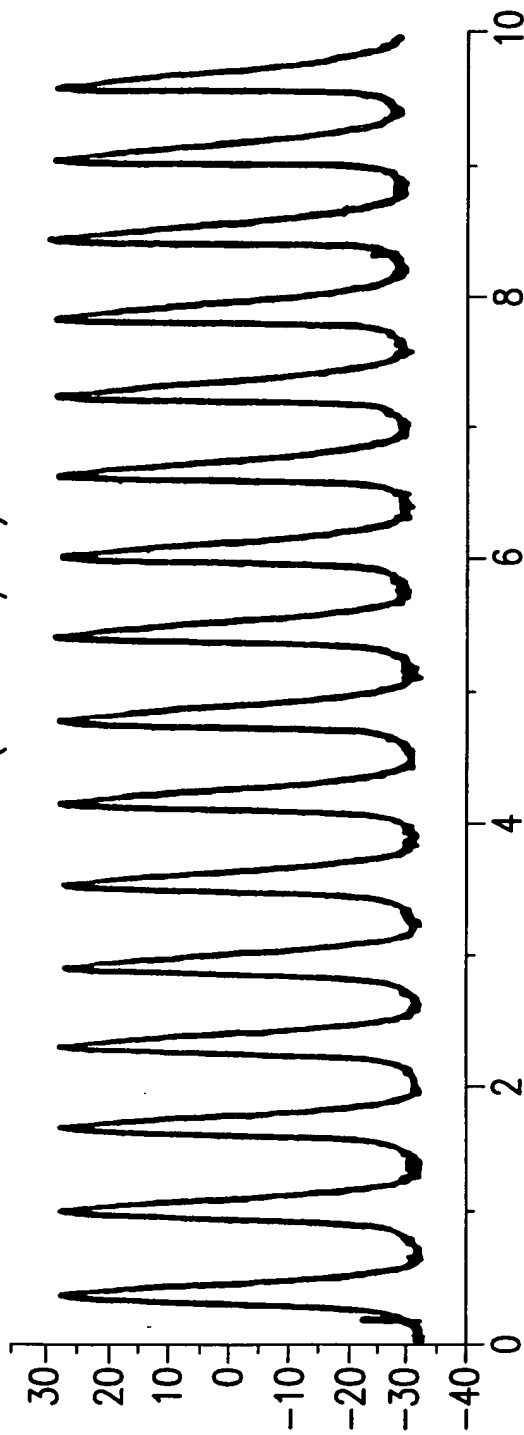


FIG. 16A

ZD-7288 100 nM (78 BEATS/MIN)

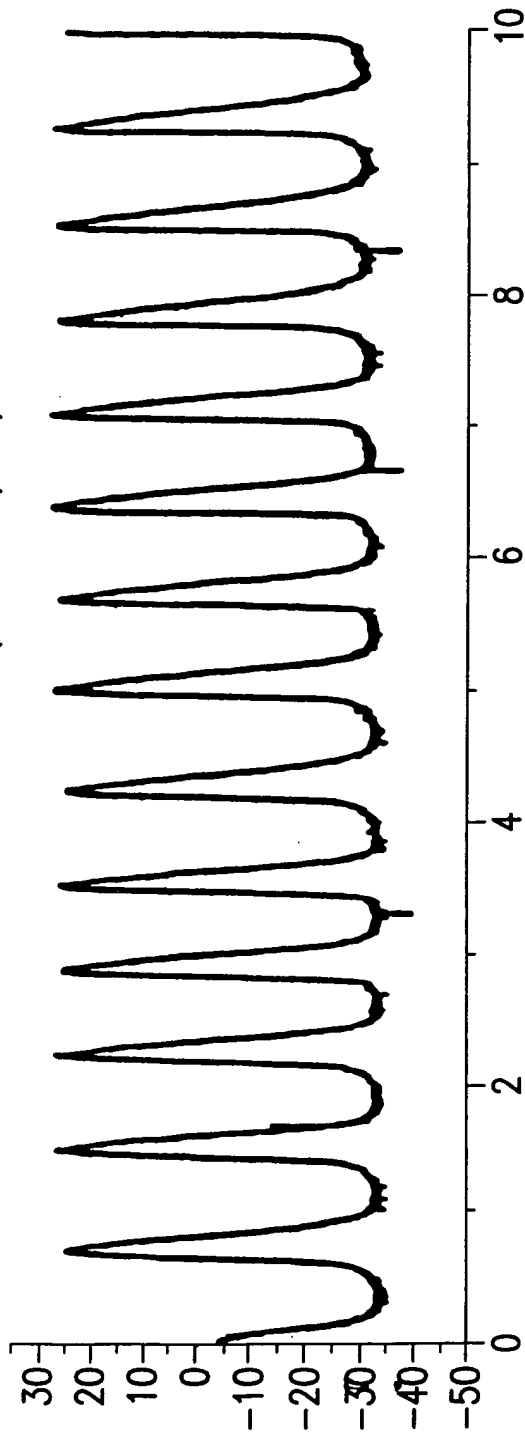


FIG. 16B

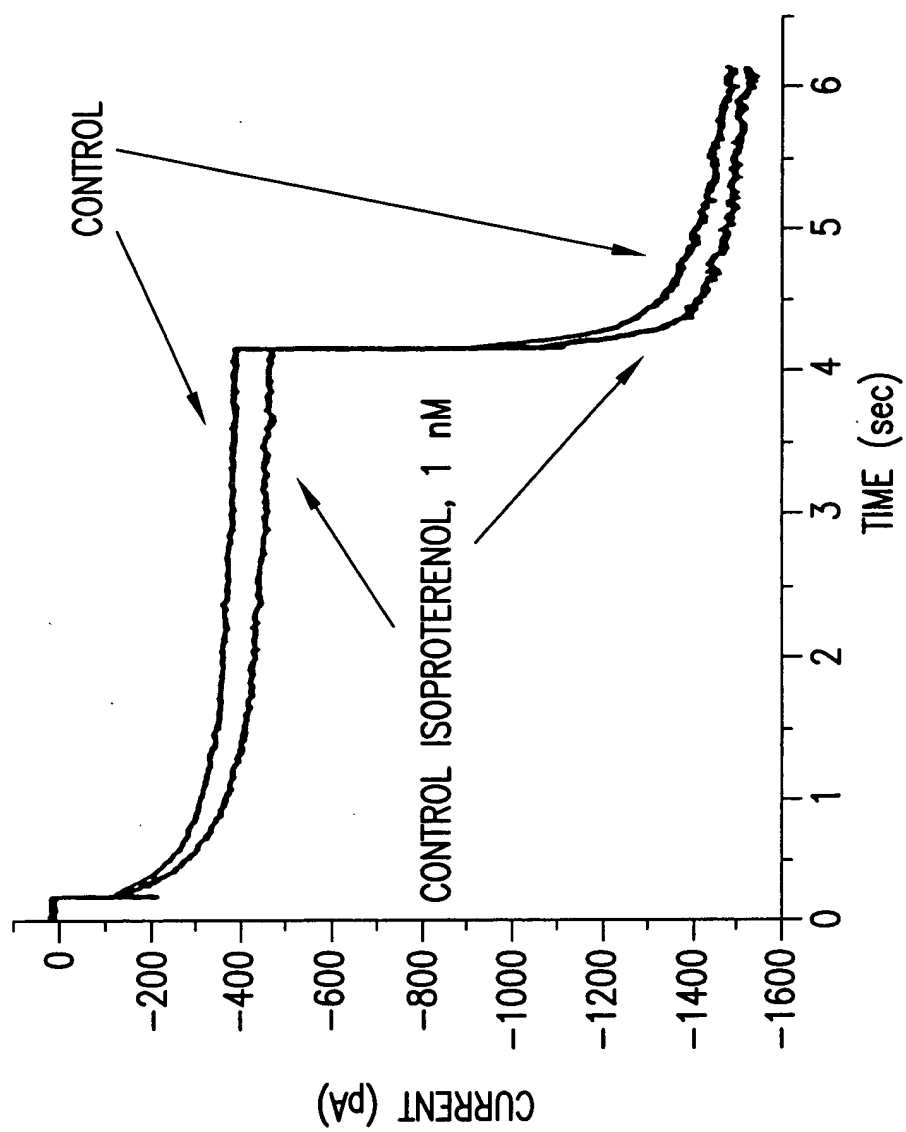


FIG.17